

R E M A R K S

Claims 1-4, 6-8 and 10-18 are presented for reconsideration.

In the Office Action, claims 2-14 were objected to because of informalities; claims 1, 15 and 16 were rejected under 35 USC 102(b) as being anticipated by Hell et al (U.S. Patent No. 6,084,942) and claims 2-4 and 13 were rejected under 35 USC 102(b) as being anticipated or, in the alternative, under 35 USC 103 as being obvious in view of Hell et al (U.S. Patent No. 6,084,942). Applicants note with appreciation that claims 5-12 and 14 were indicated as containing allowable subject matter.

By this amendment, claim 1 has been amended to further highlight the invention over the prior art and, in view of the amendments to claim 1, claim 2 has been amended to overcome the Examiner's objections thereto; claim 5 has been cancelled and represented as independent claim 17 with amendments to incorporate the structure of independent claim 1 and dependent claim 2 as well as the structure recited in claim 5 and to overcome the objections set forth in the Office Action and, in view of the rewriting of claim 5 as new claim 17, claim 6 has been amended to be dependent claim 17; claim 9 has been cancelled and represented as independent claim 18 including the limitations of claims 1 and 2 and to overcome the objections set forth in the Office Action and claim 10 has been amended to overcome a possible §112 rejection

It is respectfully submitted that independent claim 17 and dependent claims 6-8, along with independent claim 18 and dependent claims 10-12 are patentable in view of the indication of allowable subject matter in the Office Action.

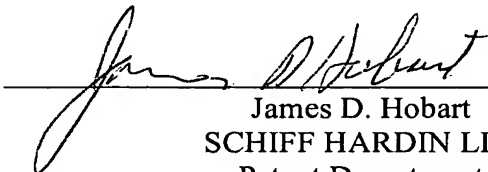
With regard to the rejections of claims 1-4, 13, 15 and 16, it is submitted that these claims are patentable along with claims 17 and 18 for the following reasons. Hell et al, U.S. Patent No. 6,084,942, discloses a rotary bulb tube being mounted for rotation in a housing filled with coolant, a coupling 10 coupling the shaft 6 to a shaft extending from the motor 9. However, the patentee is completely silent about the coupling forming a non-positive connection between the motor and the tube, as recited in claim 1 as now amended. It is also noted that the Examiner contends that the coupling 10 could have an output disc connected with a first shaft section extending from the rotary bulb tube to a drive disc being

connected to a second shaft section extending from the motor and an electrically insulating intermediate disc connecting the output disc with the drive disc; however, the reading of this reference does not teach or suggest any specific structure for the coupling. It is submitted that while the reference shows a coupling, the structure of the coupling, such as providing a non-positive connection between the motor and the tube and having the structure such as recited in dependent claim 2 would not be obvious to a person of ordinary skill in the art without additional evidence to show that these features were known or used in such an arrangement. It is submitted that the Examiner's speculation in the rejection of claim 2 is not based on any evidence provided in the application. In particular, the reasoning for a provision of an insulating intermediate disc does not make any sense in view of the fact that the reference is attempting to maintain a low temperature for the tube bulb and, thus, loss of heat along the shaft from the tube bulb to the motor area would be desirable and contradict the Examiner's assumptions. For these reasons, it is respectfully submitted that independent claim 1, as well as dependent claims 2-4 and 10-16 are allowable along with independent claims 17 and 18.

The other references cited in the Office Action, but not applied, do not teach or suggestion a coupling that forms a non-positive connection between the shaft of the bulb tube and the shaft of the motor.

In view of the amendments and explanations contained hereinabove, it is respectfully submitted that this application is now in condition for immediate formal allowance and further reconsideration to that end is earnestly solicited.

Respectfully submitted,

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DATED: April 25, 2005



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Signature

April 25, 2005

Date